

CLAIMS

What is claimed is:

- 1 1. A system comprising:
  - 2 a content server connected to a network, said content server capable of delivering
  - 3 content over said network, said content containing a digital watermark; and
  - 4 at least one monitor station to receive said content over said network and analyzing
  - 5 said digital watermark for information indicative of degradation of said content.
- 1 2. The system of Claim 1 wherein said network is the Internet.
- 1 3. The system of Claim 1 wherein said content is multimedia content.
- 1 4. The system of Claim 1 further including a content server monitor station to receive
  - 2 said content directly from said content server and analyzing said digital watermark.
- 1 5. The system of Claim 1 wherein said digital watermark is a checkerboard pattern or a
  - 2 gray-scale image.
- 1 6. The apparatus of Claim 1 wherein said content server is a broadcast operations center
  - 2 to serve content to a plurality of edge serving sites.
- 1 7. The apparatus of Claim 6 wherein a monitor station is located at one of said plurality
  - 2 of edge serving sites.
- 1 8. A method, comprising:
  - integrating a digital watermark into content;
  - distributing said content over a network as distributed content;
  - receiving said distributed content in at least one location of said network;
  - analyzing said digital watermark of said distributed content for information indicativeof the quality of said distributed content.
- 1 9. The method of Claim 8, further including analyzing said content prior to distribution
  - 2 over said network for information indicative of the quality of said content.

1 10. The method of Claim 9, further including comparing the information indicative of the  
2 quality of said distributed content to the information indicative of the quality of said content.

1 11. A machine-readable medium having stored thereon instructions, which if executed by  
2 a processor, cause the processor to effect the following, comprising:

3 integrating a digital watermark into content;  
4 distributing said content over a network as distributed content;  
5 receiving said distributed content in at least one location of said network;  
6 analyzing said digital watermark of said distributed content for information indicative  
7 of the quality of said distributed content.

1 12. The machine-readable medium of Claim 10, further including instructions for  
2 analyzing said content prior to distribution over said network for information indicative of  
3 the quality of said content.

1 13. The machine-readable medium of Claim 11, further including instructions for  
2 comparing the information indicative of the quality of said distributed content to the  
3 information indicative of the quality of said content.

1 14. A system comprising:

2 means to serve content that is connected to a network, said means to serve content  
3 capable of delivering content over said network, said content containing a digital watermark;  
4 and

5 means for monitoring to receive said content over said network and analyzing said  
6 digital watermark for information indicative of degradation of said content.

1 15. The system of Claim 14 wherein said network is the Internet.

1 16. The system of Claim 14 wherein said content is multimedia content.

1 17. The system of Claim 14 further including a content server monitor station to receive  
2 said content directly from said means for serving content and analyzing said digital  
3 watermark.

1 18. The system of Claim 14 wherein said digital watermark is a checkerboard pattern or a  
2 gray-scale image.

1 19. The apparatus of Claim 14 wherein said means to serve content is a broadcast  
2 operations center for serving content to a plurality of edge serving sites.